

REMARKS

Claims 1-22 were pending. Claim 21-22 have been cancelled.

The Examiner objected to the Title. Applicant has amended the title to recited a method.

Claim 12 was objected to as depending on itself. Claim 12 has been amended to have a proper dependency. The dependency of claim 11 has also been corrected.

Claims 1-16 are allowed.

Claim 17 is rejected as anticipated by U.S. Patent Publication 2004/0180485 ("Beason").

The Examiner states that Beason teaches a method that include "the gate oxide 140 for the LDMOS transistor being formed after implantation of the P-body 14 of the LDMOS transistor."

Applicant respectfully disagrees. As shown in Figure 3C and discussed in paragraph [44], Beason teaches that "[a] a gate dielectric layer 140 (or as in one embodiment, a gate oxide 140) is formed over the exposed portion of the surface 122. A poly layer is then deposited on the gate oxide 140 and formed into the poly gate 126 or gate 126. The P bodies 114 are implanted using the gate 126 as a mask and diffused so that they are self-aligned with the gate 126." Thus, it is clear that in Beason the gate oxide 140 is deposited before, not after, formation of the P body 114.

The Examiner may have intended to refer to the P- region 112, which is formed before the gate oxide 140 is deposited. However, the P- region does not appear to be a P-body. Rather, the P- region serves to terminate the edge of the P body (see paragraph [41]).

To make the distinction clearer, claim 17 has been amended to recite "the n+ region being located within the P-body." In contrast, in Beason, the N+ source 118 does not contact the P- region 112 at all. Thus, the P- region 112 of Beason cannot be the same as the P-body of claim 17.

Claims 18-20 are rejected as depending on a rejected base claim, but would be allowable if amended to include the limitations of the base claim. Applicant thanks the Examiner for the indication of allowable subject matter.

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Enclosed is a \$60 check for the Petition for Extension of Time fee. Please apply any other charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: 7/3/05



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